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>From ???@??? Thu Feb 05 00:30:03 1998
Message-Id: <199802041732.LAA01424@sco.theporch.com>
Date: Wed, 4 Feb 1998 11:32:39 CST
Subject: BOATANCHORS digest 1908

BOATANCHORS Digest 1908

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by "Alexander N. Gerli" <angerli@connix.com>
- 25) Manuals for ART-13 and TBX-8 are sold
by deanbers@ix.netcom.com
- 26) Re: Chris Bisailon , Canada
by "Ragnar Otterstad" <otterstad@inet.uni2.dk>
- 27) Want To Buy
by "William G. Mills" <wmills@gmc.cc.ga.us>
- 28) Re: Dial cord.
by "Francis J. Townsend, III" <ftownsen@access.digex.net>
- 29) 180S-1 Tuning Knob
by "Grant Youngman" <nq5t@gte.net>
- 30) R-649 Progress
by Al Klase <skywaves@bw.webex.net>
- 31) Re reflex and WS-38
by philip mccoey <dgnova@erols.com>

Date: Tue, 3 Feb 1998 00:13:06 EST
From: W4UOC@aol.com
To: boatanchors@theporch.com
Subject: Eldico Twins T-102/R-104 Question
Message-ID: <3943cf02.34d6a764@aol.com>

I have a complete set of the Eldico Twins, T-102 ssb/cw transmitter, R-104 receiver, station console and power supply. They seem to work quite well but on transeive the transmitter appears to be about 1khz higher than the receive freq.

I have studied the manual and schematic and can not find a way to sinc the transmitter with the receiver osc. Does anyone have any experience with this 1960 era equipment. (somewhat of a Collins S-line wanna be, look alike)

Tom Koch - W4UOC
w4uoc@aol.com

Date: Mon, 2 Feb 1998 23:28:52 -0600 (CST)
From: arc5@ix.netcom.com
To: boatanchors@sco.theporch.com
Subject: FTGH: Parter Tube Tester
Message-ID: <199822232819228145@>

"FTGH" means "Free To Good Home."
Well, this is free except for about \$10-\$15 to ship it.

B&K Dyna-Quick tube tester. This is the big one with about a zillion tube sockets, all with the tube types for which the sockets were intended printed next to them. It was made for testing a lot of tubes fast.

This unit was left in a musty garden shed for about 5 years. The hungry Texas termites got to it and ate the bottom out of the wooden case and the moisture rusted about half-an-inch of the fold-out panel on each side. The meter, switches, transformer etc. should still be good. Maybe you could fix this thing with some Bondo and wood working a month of effort. I sure don't have the time for it.

If you have one of these testers and need parts, please email me about it. Please include your sad story of your tester which only needs some part to be happy. If you don't have a sad story.... brew-up a really cool yarn. I need the entertainment.

As always, multiple replies will be decided by putting everyone's name in a hat. My 11-year-old daughter Stephanie draws the names so blame her, not me! But then, who'd be so mean as to blame a little girl, right? heh heh....

73 DE Dave Stinson AB5S
arc5@ix.netcom.com

Date: Tue, 3 Feb 1998 00:37:10 EST
From: Ho4bart@aol.com
To: boatanchors@sco.theporch.com
Subject: reflex ckt in UK walkie talkies
Message-ID: <52d277c8.34d6ad08@aol.com>

a friend who knows tells me these WW2 UK walkie talkies
employed the reflex circuit-
No. 38 set
No. 38AFV (same basic set but setup in armored fighting vehicles)
No. 46 set

73, hue

Date: Mon, 2 Feb 1998 22:15:01 -0800 (PST)
From: John Kolb <jlkolb@cts.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: HR0-50/60 knobs.
Message-ID: <Pine.SCO.3.91.980202221152.2404A-100000@sd.cts.com>

Someone last month was looking for the small solid metal knobs
for the HR0-60. I found a pair in my knob box - who needs um?

John KK6IL jlkolb@cts.com

Date: Tue, 3 Feb 1998 00:15:23 -0600 (CST)
From: deanbers@ix.netcom.com
To: boatanchors@theporch.com
Subject: FS: Maintenance Manual AN/ART-13
Message-ID: <199822221414218467@>

I have for sale a manual which looks
brand new and is titled "Maintenance manual
AN/ART-13" Arranged and Published by
W3NCB and W3NGL. Revised 15 October 1953.
The quality of the publication is excellant as
far as photographs and paper stock. It looks
like a manual the gov't would have put together.
Includes lots of photographs, theory of operation,
maintenance, etc.

Asking \$28 shipped.

E-mail:
Deanbers@ix.netcom.com
Dean, K06IJ

Date: Tue, 3 Feb 1998 00:15:23 -0600 (CST)
From: deanbers@ix.netcom.com
To: boatanchors@theporch.com
Subject: FS: Manual for Navy Model TBX-8
Message-ID: <19982222448241@>

I have for sale a like new manual for the Navy TBX-8 Portable Radio made by Garod. The manual is dated 22 April 1944 and includes schematics, lots of photographs and lists and pictures of the accessories.

For info the rig runs a 2E22 in the final and puts out 9 Watts CW and 3 Watts on phone. Operates from battery power or hand crank ...

Asking \$28 shipped...

E-mail:
Deanbers@ix.netcom.com
Dean, K06IJ

Date: Mon, 2 Feb 1998 22:57:40 -0800
From: "Arden Allen" <aallen@sirius.com>
To: "Old Tube Radios" <boatanchors@theporch.com>, <brianbj@compuserve.com>
Subject: Re: HQ-170....Decision Time
Message-ID: <199802030704.XAA10389@mail2.sirius.com>

> Does anyone have a (BF0) transformer, or is this poor thing (HQ-170) doomed to be a parts
> source?

I would figure out how to build a BF0 transformer before I would cannibalize it.

Give your loved ones Gummy Bears.
Arden Allen KB6NAX Vallejo, CA aallen@sirius.com

Date: Mon, 2 Feb 1998 23:11:29 -0800 (PST)
From: w7ni@teleport.com (Stan Griffiths)

To: dma@islandnet.com
Cc: boatanchors@theporch.com
Subject: Puyallup Info Needed
Message-ID: <199802030711.XAA27143@mail1.teleport.com>

>Can any of you Pacific Northwesters tell me where/when the Puyallup hamfest
>will be??? Always interesteed in more classic gear.

>Jan Skirrow, VE7DJX

Puyallup Hamfest is March 7, 1998 at the same place which is the County
Fairgrounds in Puyallup, WA.

Stan w7ni2teleport.com

Date: Mon, 2 Feb 1998 23:11:47 -0800 (PST)
From: w7ni@teleport.com (Stan Griffiths)
To: n4fs@monmouth.com
Cc: boatanchors@theporch.com
Subject: Re: Manipulating the tube market
Message-ID: <199802030711.XAA27246@mail1.teleport.com>

>I would love to manipulate the tube market. I have about 10,000 each of
>4JC6 and 6DK6 types all NOS. How about someone designing something around
>these lovely tubes. Any takers, HI. 73s - Mike

>

>Mike B. Feher, N4FS
>89 Arnold Blvd.
>Howell, NJ, 07731
>732-901-9193

Hi Mike,

The 6DK6 tube is used in Tektronix 541A, 543A, 545A, 551, and 555 vertical
amplifiers. Each amplifier has 14 of them in it and there are two such
amplifiers in each 551 and 555 scope. Also, the 6DK6 is subject to cathode
interface so there is at least SOME market for that tube. I would suggest
\$10 (plus shipping) for a new set of 14 would be a good price to ask for
them. I think that the 6DK6 can be used in the vertical amplifiers of
earlier 541 and 545 scopes as well, in place of the the 6CB6s they were
supplied with originally.

I have NO IDEA where you can use 4JC6s.

Stan w7ni@teleport.com

Date: Mon, 2 Feb 1998 23:11:51 -0800 (PST)
From: w7ni@teleport.com (Stan Griffiths)
To: w4aos@his.com
Cc: boatanchors@theporch.com
Subject: Re: RU Sick of AES Yet?
Message-ID: <199802030711.XAA27273@mail1.teleport.com>

>At some point during the course of this unfortunate thread, someone said
>that AES tests their tubes. I do not believe that this is so.

I know they test at least some of them since I sent them a batch of ones I had not tested in response to one of their searches for used tubes on the market. they found a few duds in what I sent them, tossed them, and sent me payment for the rest.

Stan w7ni@teleport.com

Date: Tue, 03 Feb 1998 01:30:17 -0800
From: "Don L. Davis" <dxguy@earthlink.net>
To: boatanchors@theporch.com
Subject: Relay Chchchchchattering
Message-ID: <34D6E382.2A00@earthlink.net>

Relay coils chatter on low applied voltages for the following reason:

When voltage is first applied to the relay coil the armature is away from the core. This is a large air-gap and the inductance of the coil (with the core) is low (relatively speaking, it's actually quite large compared with same coil with no core material). As the armature pulls in to the core, and finally contacts the core, this additional magnetic material/path increases the inductance of the coil.

Since the energy in the circuit immediately before the contact must be equal to the energy immediately after the contact, and since the energy in the coil is $E = Li^2$, it follows that if L increases, then i must decrease. When the current decreases, the magnetomotive force decreases rapidly, and the contact pulls away. As it starts to pull away, the inductance again decreases and the current increases yet again. A vicious cycle, I know. This is the familiar relaxation oscillator in a mechanical form, repeat with inertia. Many early electric control apparatus (apparati?) depend upon this sort of effect for control (prior

to tube amplifiers). Important to note that this effect has nothing to do with the contacts, only the coil, core, armature, and power source.

The ability to chatter also depends upon how "stiff" the power source is. If the output impedance is very low, it may be difficult to find a voltage which will sustain this chatter. Assuming that one would want to do this? We've played long & hard with relays in aerospace and encounter this frequently when breadboarding circuits. The newer technicians are always amazed, and this is a great "assignment" to give our engineers as a grail. Most are never heard from again.

73s don davis DXGUY@earthlink.net

Date: Tue, 03 Feb 1998 02:02:22 -0800
From: "Don L. Davis" <dxguy@earthlink.net>
To: boatanchors@theporch.com
Subject: Leaky Caps Or Breakdown?
Message-ID: <34D6EAFA.1791@earthlink.net>

Noticed the thread re: leaky mica caps. Leakage (ie. fixed, constant resistance) is different than breakdown. Breakdown is a killer, and means that the part is dead, or will die. Leakage might be salt, moisture, dirt, etc on the outside of the part (offered as possibility by others), or may be normal for the part type/age. The way I look for leakage is with a megger. I drive 0 to 3,000 volts dc into the part in series with a 200 MOhm resistor (salvaged from a small color TV Hi-voltage/focus divider) and a 10 uA meter. I limit the top voltage to the mfg's DWV (dielectric withstanding voltage) test limits. This may be 2 to 4 times the rated value for a MIL part, or might be the mfg's rated voltage. Have to know this beforehand. I slowly increase the voltage while closely watching the meter. A gradual increase of current from 0 volts to the applied voltage is leakage. A value judgement must be made. Keep or discard? Depends on your intestinal fortitude. Having been in the war (the big one - Vietnam) I'm not scared by a puny capacitor blowing up in my face, so I usually keep 'em. If, on the other hand, the current suddenly jumps from 0 uA (or some small value) to a finite, constant value, this is breakdown, and I toss it.

One major cause of failures in old parts is un-alloyed Tin. Lots of old radio stuff was made with this as plating on leads, meter cases, chassis, lugs, etc. This stuff is death to electronics! Throw out any spare parts that have this surface finish. The raw Tin grows "whiskers" in normal atmospheric environment, and can short out circuitry or parts internally (if Tin used inside). Many failures of spacecraft have been attributed to this, and several GIDEPs are in effect prohibiting it's

use (Gov't/Industry component alerts). I have seen these whiskers grow to several inches over a period of 10 to 20 years. So.... if you've fired up an old radio that worked 20 years ago when you put it away, and it's dead now, look for metallic fuzz or whiskers around and grey looking metal parts.

73s don davis DXGUY@earthlink.net

Date: Tue, 3 Feb 1998 07:34:02 EST
From: JONWEINER@aol.com
To: billross@txdirect.net
Cc: boatanchors@theporch.com
Subject: Re: toobs in Patriot missile ?
Message-ID: <80f7f0b9.34d70ebf@aol.com>

For a definitive answer to this thread, I asked my friend Lew, K1AZE, (lnyman@aol.com) about tubes in the Patriot missile. Lew was the engineer in charge of the final inspection on the Patriot, and was responsible for signing off on each missile before shipping them to the government. The Patriot manufacturing program ended in July, and Lew has since retired. There are NO tubes in the Patriot.

Jon, K1VVC

Date: Tue, 3 Feb 1998 07:45:43 -0500 (EST)
From: Michael Crestohl <mc@shore.net>
To: boatanchors@theporch.com
Subject: Ham of the Year at DAYton
Message-ID: <199802031245.HAA01429@northshore.shore.net>

I have this day placed the name and callsign of Timothy M Smith, WA1HLR in nomination for the Dayton Hamvention "Ham of the Year" award. Those of you who know Tim may wish to follow up with a letter to the Hamvention Awards Committee, PO Box 964, Dayton OH 45401.

73,

Michael Crestohl, W1RC
mc@shore.net

Date: Tue, 3 Feb 1998 07:48:30 -0600 (CST)
From: Gary Pewitt <gpewitt@execpc.com>
To: arc5@ix.netcom.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: FTGH: Parter Tube Tester
Message-ID: <Pine.GS0.3.95.980203074604.10146C-100000@earth>

On Mon, 2 Feb 1998 arc5@ix.netcom.com wrote:

> "FTGH" means "Free To Good Home
(snip)
My 11-year-old daughter
> Stephanie draws the names so blame her, not me!
> But then, who'd be so mean as to blame a little girl, right?
> heh heh....
>
> 73 DE Dave Stinson AB5S
> arc5@ix.netcom.com
>
>
Who'd blame a little girl? Can you spell Clinton?
gpewitt@execpc.com N9ZSV 414 355 8147
Gary Pewitt 6120 W. Calumet Rd. Apt 204
Milwaukee, WI 53223. Boatanchor buff

Date: Tue, 03 Feb 1998 14:26:05 +0100
From: "JOSE V.GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
To: "Boatanchors List" <boatanchors@sco.theporch.com>
Subject: Let's use BAs!
Message-ID: <3.0.1.32.19980203142605.006cdbf0@192.168.0.1>

Hi BA gang,

Doing a search in Yahoo, I have found a document, written by Vince Yakamovich (AA4MY), which encourages the use of BAs (or, at least, vintage gear) to newcomers in Ham radio, as an alternative and cheaper way than modern SS rigs. It explains why some of these 'nice' features of today's rigs are sometimes useless. Latest part of the article is not so BA related, but is also interesting to read.

I thought it would be of interest for you. Sorry if it isn't!.

Here is the link:

<http://www.duth.gr/InfoBase/Ham/newcomers.html>

Best regards.

JOSE

73 EB5AGV / EC5AAU
JOSE V. GAVILA
Ausias March 46, 15
46910 Benetusser - VALENCIA
SPAIN

<http://www.geocities.com/SiliconValley/6992/>
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

Date: Tue, 3 Feb 1998 05:33:20 -0800 (PST)
From: w7ni@teleport.com (Stan Griffiths)
To: dxguy@earthlink.net
Cc: boatanchors@theporch.com
Subject: Re: Equipment Inventory
Message-ID: <199802031333.FAA14962@mail1.teleport.com>

>Have any of you ever done a complete inventory of your BA gear.

(snip)

>The comments from folks about hoarding are curious. Many of these folks
>admittedly have lots of stuff. (snip) Who's the loser in all this?

(snip)

Hi Don,

You won't get any arguments from me. The 673 rectifiers I am about to send you were scrounged from the back room of an old AM BC station that was moving its studio from an historical mansion in Portland to new quarters. I also walked away with several Variacs which I subsequently sold. All this stuff was headed for a dumpster (which they had on premises and was already loaded with tons of paper records). I left more electronic stuff than I took since I only have a small minivan and time for one load only. It was free for the taking. I have a seven car garage full of great stuff like this. Am I a "hoarder"? In most cases, the only guys not getting the stuff I get are the guys who run the bulldozer down at the landfill. I have 500+ Tektronix instruments and some of them are sitting under a tarp OUTSIDE, rusting, corroding, . . . Still, I know where another 30 or so went to the landfill and I know where there are 100 scopes and 200 plugins that may yet

go to the landfill. The guy that had the 30 that went to the landfill and the widow that has the other 100 can't or are not willing to ship them so I don't know how to make them available to the rest of you guys. The widow doesn't even want phone calls about them so I don't know how to help either her or you. If I had another 1000 square feet of space in my shop I would get them and figure out how to spread them around. The plans are on the drawing board and I hope to actually do something about more storage space in the spring . . .

On another note, I do inventory my stuff. All of my Tek instruments are listed in a computer database along with thousands of parts that are listed by Tek part number. I also list my ham gear separately as well as the inventory of the last two estate sales I bought. It looks like I am getting serious about buying in quantity now so I will have to keep better tax records. This may make me a "dealer" so I may have to disappear from this forum, at least it may be unethical for me to offer you guys anything else for sale . . . too bad, I have a lot of stuff you probably want . . . For example, I just made a bid on 33 portable Tek scopes with bandwidths up to 200 MHz. They aren't boatanchors and I intend to check them out and make some profit on them. I plan to add 6 of them to my collection and sell the rest. I KNOW many of you would love to have one in your shop but what can I do? Jack has made the rules pretty plain . . . I think I've pushed the envelope as much as I dare just making these statements. Is there any chance we could have another place to list electronic "wants" and "for sales" without having to deal with everybody on "rec.radio" or the ebay auction? Maybe this already exists in the archives (which I have never taken the time to explore)?

I also keep databases on my stock of old Tek and HP catalogs as well as Tek "Concepts Books" I have. Also, have a database listing the dozens of Tek probes that are part of my collection. I have not inventoried my Tek manuals and other historic Tek paper that I have but I intend to someday. I spend many hours per week sorting parts and hardware because I like to do it. I find it relaxing. I have hundreds of pounds of unsorted caps, resistors, diodes, transistors, leds, connectors, etc. The emphasis is on old Tek parts, of course, and there are tons of them in garages all over this area. My junkbox is open to visitors who drop in. If you have a genuine need for something I don't have a plan for, it is generally yours. I only ask two things: 1) that when you move or clean out your garage, you bring your electronic "junk" to me and I will add it to the piles of unsorted "stuff" that I will eventually sort and inventory, and 2) that you don't just transfer stuff from my junkbox to your junkbox. You have to "need" it for an identifiable project or repair. As a result of this, my pile of "stuff" gets bigger twice as fast as it shrinks . . . They say, "What goes around, comes around", and I can certainly vouch for the huge amount of stuff that seems to "come around" here!! I need a bigger warehouse . . . :-)

Stan w7ni@teleport.com

Date: Tue, 3 Feb 1998 05:33:34 -0800 (PST)
From: w7ni@teleport.com (Stan Griffiths)
To: boatanchors@theporch.com
Subject: Hoarding and Collecting
Message-ID: <199802031333.FAA15009@mail1.teleport.com>

Hi Gang,

So what happened to stamp collecting? About three years ago, I was able to buy uncanceled stamps from mostly the '50s and a few from the '40s, '30s, and '20s for about 10% LESS than face value. These were from the NOS inventory of stamp stores that were going out of business. Seems the stamps are perfectly good but nobody wanted to buy them at face value since it takes 11 three-cent stamps to mail an ordinary letter and it is a lot of trouble to lick them all. Over about a three year period, I bought about \$1000 worth, sold some to my friends at face value, and used most of them on things I mailed like copies of my book. You would be amazed at the comments you receive when you put 60 different three cent stamps on a big envelope and mail it . . . You can make some interesting designs out of them right on the outside of the envelope.

Well, I believe the bottom line is that today's kids simply find stamps boring plus the fact that the Post Office helped to ruin the hobby by making stamp sets especially for the collectors. What kind pride can you take in a collection that you simply go down to the local Post Office and buy? Yet, if you are a serious collector, you HAVE to buy what the Post Office sells or your collection will not be complete . . .

So the ruin of stamp collecting is not that museums don't have them . . . they do. You should see the Smithsonian's collection! It is not that all old stamps are already in collections and not available. I bought thousands of them at below face value in the last few years. It has nothing to do with nostalgia since the oldest ones have always been and are still the most desirable. So I think that each collecting hobby has its own way of going extinct or, conversely, reasons for staying alive.

I collect Tek scopes because I think they are marvelous examples of engineering and represent "state of the art" for the time they were built. I don't plan on doing any more than breaking even, if that, even after spending thousands of hours restoring my collection. I really don't have a good plan for disposing of it when the time comes. I am considering donating it to the Smithsonian but only because I have heard they have warehouses full of stuff that they have no room to display. They are

interested in preserving history and displaying a little of it. Early Tek scopes certainly played a role in history . . . I would not even hope that the Smithsonian would display 10% of my collection. On the other hand, my wife may need to get SOME money out of those old scope in order to put food on the table, so the Smithsonian may only get the leftovers . . .

Stan w7ni@teleport.com

PS . . . You other Tek collectors out there: don't get too worked up about my impending demise. I am only 59 and my Dad (84) is still going . . .

Date: Tue, 3 Feb 1998 05:33:41 -0800 (PST)
From: w7ni@teleport.com (Stan Griffiths)
To: jeffreyh@hawaii.edu
Cc: boatanchors@theporch.com
Subject: Re: input vs output power
Message-ID: <199802031333.FAA15027@mail1.teleport.com>

>Why is it that tube xmtrs are rated by input power, and SS xmtrs by
>output power? Is it that SS rigs are expected to be operated into
>a fixed impedance, but no such expectations accompany tube rigs?
>(Of course, that's not true - many tube rigs terminate with an
>SO-239 connector, unless it's a Heath!)

Hi Jeff,

It has to do with the state of the art of measuring power when those rigs were first built. In the old days ('50s), there was not a good and easy way to measure RF output from a rig and the FCC rules said you could run 1 KW input on CW and 1 KW input for an AM carrier (900 watts if your meters were not "accurate"). Everybody could make the measurements.

Later, Bird wattmeters and similar instruments became more readily affordable and available so that RF output could actually be measured. Also, SSB became more popular at about the same time. Finally, the FCC rules changed and our maximum power OUTPUT was specified rather than INPUT.

So I think it is really a result of two different parts of electronics evolving at the same time, coupled with a change in the FCC rules.

Stan w7ni@teleport.com

Date: Tue, 3 Feb 1998 05:34:24 -0800 (PST)
From: w7ni@teleport.com (Stan Griffiths)
To: boatanchors@theporch.com
Subject: Ogden BA haunts
Message-ID: <199802031334.FAA15179@mail1.teleport.com>

Hi Gang,

I will be passing through Ogden on my way to SLC in the next few weeks and was wondering if there are any interesting BA or electronic surplus places to visit around there?

Stan w7ni@teleport.com

Date: Tue, 3 Feb 1998 05:34:27 -0800 (PST)
From: w7ni@teleport.com (Stan Griffiths)
To: boatanchors@theporch.com
Subject: Idaho BA haunts
Message-ID: <199802031334.FAA15188@mail1.teleport.com>

Hi Gang,

I will be traveling I84 in Southern Idaho in the next couple of weeks and was wondering if there were any interesting BA haunts or electronic surplus places along that route, like in Boise or Burley?

Stan w7ni@teleport.com

Date: Tue, 3 Feb 1998 05:34:21 -0800 (PST)
From: w7ni@teleport.com (Stan Griffiths)
To: boatanchors@theporch.com
Subject: Salt Lake BA haunts
Message-ID: <199802031334.FAA15166@mail1.teleport.com>

Hi Gang,

I am taking a motor trip to SLC in the next couple of weeks and wonder if there are any interesting places I should visit for BAs and electronic surplus in the area?

Stan w7ni@teleport.com

Date: Tue, 3 Feb 1998 08:13:59 -0600 (CST)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Jeffrey Herman <jeffreyh@hawaii.edu>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: input vs output power
Message-ID: <Pine.ULT.3.96.980203081249.299A-100000@admin.aurora.edu>

On Mon, 2 Feb 1998, Jeffrey Herman wrote:

> Why is it that tube xmtrs are rated by input power, and SS xmtrs by
> output power? Is it that SS rigs are expected to be operated into
> a fixed impedance, but no such expectations accompany tube rigs?

It is because of the FCC rules change where the limits are now given
in terms of output power rather than input power.

"Nostalgia is a thing of the past"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Tue, 03 Feb 1998 09:12:14 -0500
From: "Alexander N. Gerli" <angerli@connix.com>
To: Boatanchors Reflector <boatanchors@theporch.com>
Subject: HR0-60
Message-ID: <34D725BE.B3BCA4F@connix.com>

Hi, friends,

WTB: HR0-60 in good condx w/speaker, manual and coil sets.

73,

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*_ *_* *_ _ _ _ *_ _ / *_ *_ *_ _ _ _ *_ _*** *_ _

—
Sandy Gerli, AC1Y
500 Country Club Road
Avon, CT 06001-2406
(860) 675-5566
E-Mail: angerli@connix.com

Life Member: ARRL, QCWA
Charter Member: Collins Collectors Association

REAL radios use firebottles
The rest of 'em use them li'l chips...

"It's better to remain silent and be thought a fool,
Than to speak up and remove all doubt!" - Mark Twain

*_ *_* *_ _ _ *_ _ / *_ *_ *_ _ _ *_ _*** *_
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Date: Tue, 3 Feb 1998 09:01:28 -0600 (CST)
From: deanbers@ix.netcom.com
To: boatanchors@theporch.com
Subject: Manuals for ART-13 and TBX-8 are sold
Message-ID: <1998237120323281@>

Wow, what a response. Sorry I didn't have a manual for everyone
who responded!

73;

Dean, K06IJ

Date: Tue, 3 Feb 1998 16:46:34 +0100
From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>
To: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: Chris Bisailon , Canada
Message-ID: <199802031535.QAA02925@inet.uni2.dk>

Does anybody know if Chris has Email ?

Tnx

73 Rag OZ8R0

Date: Tue, 3 Feb 1998 10:32:30 EST5EDT
From: "William G. Mills" <wmills@gmc.cc.ga.us>
To: boatanchors@sco.theporch.com
Subject: Want To Buy
Message-ID: <688F9965B6B@gotham.gmc.cc.ga.us>

WANTED: Would like to purchase a copy of the following book:

"Modern Radio Servicing"
by William Marcus
2nd Edition
1963
McGraw-Hill

If anyone has a copy of the above listed book and would like to sell it, please contact me via e-mail: wmills@gmc.cc.ga.us.

Thanks,

Bill Mills
KC4AA

Date: Tue, 3 Feb 1998 10:34:53 -0500
From: "Francis J. Townsend, III" <ftownsen@access.digex.net>
To: <B.H.Jarvis@hw.ac.uk>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: Dial cord.
Message-ID: <01bd30b9\$462429a0\$cf15bcc@bac01468.access.digex.net>

>Two tips which I got f.o.c. from Her Majesty's Air Force:

And instead of going left-over-right then
>right-over-left for a Reef knot, do left-over-right-over-right; that'll
>give you good temporary grip whilst you get the length just right before
>finishing with the right-over-left

Also called a surgeon's knot.

Frank

Francis J. Townsend, III
Baltimore, MD
ftownsen@access.digex.net

Date: Tue, 3 Feb 1998 09:39:54 -0600
From: "Grant Youngman" <nq5t@gte.net>
To: boatanchors@theporch.com, collins@listserv.tempe.gov
Subject: 180S-1 Tuning Knob
Message-ID: <199802031540.JAA15252@smtp1.mailsrvcs.net>

Gang ..

I recently purchased a 180S-1 via the internet. I didn't ask - the seller didn't tell, but the knob at the "Coax Input C" position is a junk box substitute.

Anyone have the standard A-series style knob that fits this thing. I'm open to exchange of coin of the realm, whatever :-)

Grant

Grant Youngman -- NQ5T
nq5t@gte.net
HTTP://home1.gte.net/nq5t
Double Oak, TX (near Dallas)

Date: Tue, 03 Feb 1998 11:12:37 -0500
From: Al Klase <skywaves@bw.webex.net>
To: Boatanchors <boatanchors@theporch.com>
Subject: R-649 Progress
Message-ID: <34D741F5.D648BFA9@bw.webex.net>

Anchorites and Anchorettes,

I still need a schmatic for a Hallicrafters R-649/UR, see Dachis, page 185. This Coast Guard radio bears some physical resemblance to the SX-73 (R-274D), but electrically seems to be a later-day Scott SLR: AC/DC circuit, 15 Tubes, 200KC-18MC coverage, push-pull output, etc.

Was gifted with one of these in rough shape. I thought that the broken dial bezel would be an insurmountable problem, but John Iverson kindly supplied one. This guy must have a serious junk box!

Next want is some (20) 3/32" bearing balls to repair the dial mechanism. I checked with my local bearing guys to no avail. Another long shot is ballast tubes: types 2A10 and 3A10. I'll of course use resistors if I can't find the tubes.

Any help appreciated,
73,
Al

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Date: Tue, 03 Feb 98 11:20:17 -0800
From: philip mccoy <dgnova@erols.com>
To: boatanchors@sco.theporch.com
Subject: Re reflex and WS-38
Message-ID: <199802031623.LAA09295@smtp2.erols.com>

As Hugh Miller said earlier the WS-38 used reflex. The If stage used, if I remember right, a ARP-12 at about 300kc, the audio being fed into the bottom of the IF transformer. The detector was a solid state diode like the 1N34.

Philip McCoy dgnova@erols.com

End of BOATANCHORS Digest 1908
